DIVYANSHU SINGH

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EDUCATION

Academy of Technology, Hooghly	B.tech in Electronics and Communication	2020-2024 (8.47 CGPA)
Higher Secondary, Patna	CBSE	2018-2020 (69.4 %)
Secondary	ICSE	2017 (73.6 %)

SKILLS

Languages: Java, Python, C
Technology: SQL
Tools: Git, VS Code
Coursework: OOP, DBMS, Computer Networks, Software engineering
Soft Skills : Leadership | Teamwork | Quick learner | Time management | Problem Solving |Communication

COURSES

JAVA | Hackerrank
- Learned core Java concepts and their practical implementation.

FULL STACK | Wipro Talentnext
- Completed a 20-week online training program focused on full-stack development.
- Prepared for an entry-level web development role.

PROJECTS

Self-Portfolio Website :
Technologies: HTML, CSS, JavaScript, GitHub Pages   Portfolio

- Designed and developed a responsive personal portfolio showcasing projects, skills, and achievements.
- Implemented smooth animations and cross-browser compatibility.
- Hosted on GitHub Pages.

Honeypot using Raspberry Pi
Technologies: Raspberry Pi, Python, Network Security   Video link

- Developed a honeypot system to detect and analyse unauthorised access attempts.
- Configured Raspberry Pi to simulate vulnerable network services and log attack patterns.
- Enhanced security awareness by studying real-world cyber threats and intrusion techniques.

Spectrum sensing in a cognitive radio network. (Final year project)
Technologies: MATLAB

- Developed a system to detect idle or occupied spectrum for unlicensed user access.
- Analysed interference caused by unlicensed users.
- Implemented optimised spectrum sensing techniques in MATLAB.

LEADERSHIP EXPERIENCE

- **Final Year Project Leader**: Led a team of 5 members, delegated tasks, and managed deadlines.
- **SIH Competition**: Led a team, securing 6th rank at the college level.